

Claims

1. A vehicle mirror comprising:
a mirror housing containing a reflective element;
5 an attachment portion attached to a vehicle for securing the mirror to a vehicle;
an approach light in said attachment assembly, said approach light assembly including a positionable light source for positioning in relation to predetermined inputs.
10
2. The vehicle mirror of claim 1 wherein said approach light is an assembly including a lens housing, a reflector for directing light, a light source and a lens, wherein said reflector is moveable within said housing for directing the light source for positioning in relation to predetermined inputs.
15
3. The mirror of claim 1 wherein said reflector is pivoted between a forward direction and a rearward direction for providing illumination in response to predetermined inputs.
- 20 4. The mirror of claim 3 wherein said reflector is pivotally attached to the housing for rotating along an axis.
5. The mirror of claim 3 wherein the lens is configured to provide a plurality of optical light outputs depending on the position selected for the reflector.
25
6. The mirror of claim 5 wherein said lens includes a first zone, a second zone, a third zone and a fourth, which correspond to positions of said reflector.
7. The mirror of claim 6 wherein said first zone defines a forward zone having
30 a 30 degree sweep.
8. The mirror of claim 6 wherein said second zone has an adjustable zone with a sweep of 120 degrees.

05780528 020904

9. The mirror of claim 6 wherein said third zone is a reverse zone covering a rearward 30 degree sweep.

10. The mirror of claim 6 wherein said fourth zone is an approach light zone.

5

11. The mirror of claim 6 wherein a second horizontal axis of movement is provided such that said reflector may be moved in both vertical and horizontal directions.

10

12. The mirror of claim 11 wherein a pair of motors are provided for controlling vertical and horizontal axis, and a controller is utilized for positioning of the mirror in accordance with predetermined inputs.

15

13. The mirror of claim 12 wherein said inputs are in response to manual control by an occupant of a vehicle.

14. The mirror of claim 12 wherein a plurality of sensors is provided for input to the controller.

20

15. The mirror of claim 14 wherein a remote transmitter is provided, one of said sensors being provided for detecting the positioning of the fob and illumination in a direction toward said transmitter.

16. The mirror of claim 18 wherein said transmitter is a key fob transmitter.

25

17. The mirror of claim 14 wherein one of said sensors is a reverse gear sensor wherein said controller moves said reflector to said third zone upon sensing position of said vehicle in reverse gear.

30

18. The mirror of claim 14 wherein a lock sensor is provided for positioning said light in said fourth approach light position in response to unlocking of said door.

a connection between said microphone and said receiver portion for generating an output signal to the interior of the vehicle.

10 20. The intercom system of claim 19 including a controller and one or more sensors for detecting conditions of the vehicle desirable for controlling the intercom system.

21. The intercom system of claim 19 wherein a manual control is used for
15 control of said intercom.

22. The intercom system of claim 19 wherein the intercom is voice actuated.

23. The intercom of claim 19 wherein said microphone is a speaker
20 microphone further comprising a system for remittance of audio signals to the
exterior of said vehicle.

24. The intercom of claim 23 wherein said audio signal is provided in response to a signal selected from the group consisting of low battery, keys left in the ignition, door ajar and reverse alarm.

25. The intercom of claim 23 wherein a cellular phone conversation is transmitted through said microphone/speaker.

30 26. The intercom of claim 20 wherein a sensor is provided for determining an open window condition and disabling the intercom.

providing an adjustable interior component capable of adjustment to a driver suitable position and storing that position;

a controller for automatically moving said adjustable interior component in response to an individualistic input received by said sensor.

28. The position control system of claim 27 wherein said sensor is a
10 fingerprint sensor on a door handle for positioning said adjustable interior component
to the individual person memorized for

29. The system of claim 27 wherein a voice recognition module is placed in said mirror for positioning said adjustable interior component into a memorized position in response to an individual's voice input.